UNITED STATES SEAVERSON RESERVOIR QUADRANGLE DEPARTMENT OF THE INTERIOR WYOMING-CARBON CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107°45' 41°37′30″ 107°37′30″ 41°37′30″ 42'30' 7087(ChU) 7078(ChU) 7084(ChL) 7061(ChL) _7130(ChL) 13 18 17 16 7056 7041 (ChU) 07072 7110(ChU) 7089(ChL) 7025(ChL) 7073 1 7084(ChU) Split line of the Cherokee bed - Cherokee Mine No. 2 7040(ChU) 07042 7048 7078 24 19 23 21 7011 7071 7038 O 7006 0 7125 25 30 26 29 28 27 0 7127 NOTE: Structure contours are not drawn beyond those shown because of insufficient data. 35 31 32 33 T. 19 N. 12 32'30" --18 15 19 (DOTY MOUNTAIN 1:62 500) 4466 / SCALE 1:24000 41 °30′ 107°37′30″ Base from U.S. Geological Survey, 1966 Compiled in 1977/1978 WYOMING UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

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EXPLANATION

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet; short dashed where projected above ground surface. Contour interval is 40 feet (12.2 m) for the Olson Draw bed and 100 feet (30.5 m) for the Cherokee bed and splits. Datum is mean sea level.

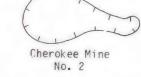
0 5690

DRILL HOLE - Showing altitude of top of coal bed, in feet. Letters designate name of coal bed as listed below.

- OD Olson Draw (E1) of Lower Fort Union Coal Zone
- Ch Cherokee of Upper Fort Union Coal
 Zone
 Chil Upper Cherokee (B) of Upper Fort
- ChU Upper Cherokee (B) of Upper Fort Union Coal Zone ChL - Lower Cherokee (C) of Upper Fort Union Coal Zone

COAL BED SYMBOLS AND NAMES

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed or zone as listed above. Dashed where inferred.



COAL STRIP MINE - Hachures point toward mined area.

To convert feet to meters, multiply feet by 0.3048.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 8

STRUCTURE CONTOUR MAP
OF THE OLSON DRAW (EI) COAL BED
AND THE CHEROKEE COAL BED AND SPLITS